

What is Claimed Is:

1. A method of identifying a product, comprising:
introducing at least one radio frequency identification tag into a liquid being able to retain the tag when the liquid is applied to a surface.
2. The method according to Claim 1, further comprising applying the liquid to coat the surface.
3. The method according to Claim 1, further comprising energizing the tag.
4. The method according to Claim 3, further comprising reading the tag to identify the product.
5. The method according to Claim 4, further comprising introducing at least one MEMS sensor into the liquid.
6. The method according to Claim 5, further comprising reading the MEMS sensor.
7. The method according to Claim 4, wherein the identifying the product identifies the liquid, whereby the liquid is the product for which identification is occurring.

8. The method according to Claim 1, further comprising, interrogating the tag to determine the information that an adjacent tag has communicated to the tag.

9. The method according to Claim 1, further comprising selecting the liquid based on an electromagnetic property of the liquid and based on a frequency at which the tag operates.

10. The method according to Claim 1, further comprising selecting a tag operating at a frequency based on an electromagnetic property of the liquid.

11. The method according to Claim 1, further comprising using the liquid with the tag in it in a liquid process.

12. A mixture, comprising:
a liquid; and
a plurality of radio frequency identification tags in the liquid wherein the liquid being able to retain the tags when the liquid is applied to a surface.

13. The mixture according to Claim 12, wherein the size of the tags is less than about 4 square millimeters.

14. The mixture according to Claim 13, wherein the size of the tags is less than about 0.25 square millimeters.

15. The mixture according to Claim 12, wherein the liquid is at least one of a coating, a paint, a varnish, a corrosion inhibitor, a sealant, an adhesive, a lubricant, a fuel, a lubricant, a hydraulic fluid, a putty, a caulk, and a solvent.

16. The mixture according to Claim 12, wherein the tags are neutrally buoyant in the liquid.

17. The mixture according to Claim 12, further comprising the liquid being a two-part mixture.

18. The mixture according to Claim 12, further comprising a plurality of MEMS sensors in the liquid.

19. The mixture according to Claim 12, wherein the tags communicate with one another.

20. The mixture according to Claim 12, wherein the liquid includes an electromagnetic property that allows electromagnetic energy at the frequency at which at least one of the tags operates to pass through the liquid.

21. The mixture according to Claim 12, wherein the liquid has a viscosity of about 100,000,000 centipoise or less.

22. An article of manufacture, comprising:

a surface;

a coating on the surface; and

at least one radio frequency identification tag in the coating, the coating being able to retain the tag when the coating is a liquid and when the liquid is applied to the surface.

23. An article of manufacture, comprising:

a body formed from a liquid that sets;

at least one radio identification tag in the body, the liquid being able to retain the tag at least until the liquid sets.

24. A mixture, comprising:

a granular solid; and

a plurality of radio frequency identification tags in the granular solid, whereby the tags identify the mixture.